

Om Prakash Mahato

Contact : +91 7004633419, +91 9084914087

Email: opmahato1267@gmail.com

Linkedin: <https://www.linkedin.com/in/om-prakash-mahato-3ab570128>



OBJECTIVE:

A challenging career which would provide me with considerable advancement opportunities to apply my skills, hard work and also allow me to learn continuously in a professional and progressive environment.

EDUCATIONAL QUALIFICATIONS:

Degree/ Course	Board/University	Passing Year	Percentage/CGPA
B.Tech (Mechanical Engineering)	Dr.A.P.J.Abdul Kalam Technical University	2017	82.38%
Intermediate	CBSE	2012	86.66 %
High School	CBSE	2010	9.6 (CGPA)

TECHNICAL SKILLS:

- **SOLIDWORKS** - 2 D drawing to 3D modeling (Solid modeling, Sheet-metal, Basics interfaces of Surface modeling & Assembly).
3D modeling to drafting on their own making Templates.
- **UGS-NX** - 2D drawing to 3D modeling (Solid modeling, Sheet-metal, Basics interfaces of Surfacing & Assembly).
3D modeling to drafting on drafting Templates.
- **SOLID EDGE** - 2D drawing to 3D modeling of Solid parts, Sheet-metal & Basics interfaces of Surfacing & Assembly.
- **Auto-CAD** - 2D drafting, Annotation & Basics interfaces of 3D modeling.
- Basic knowledge of ProE Creo, Catia modeling software.
- BOM creation and verification for easy to develop different variant.
- Assembly & Testing of Transmission - Compound Gear train, Planetary Gear system, Epicyclic Gears.
- Transmission Assembly & Testing of Heavy-Duty TATRA truck (Compound Gear train system).
- Transmission Assembly & Testing of Armoured Recovery and Repair Vehicles (ARRV) & T-72 tank (Epicyclic Gear Train System) Proto Development.
- Assembly of Side Gear box & other aggregates for the Defence Sector. (Planetary Gear Train for Final Drive, Brake Booster Assembly, Controls Assembly for -ICV II, BMP Transmission).
- Knowledge of Gear, Non gear items, Shafts Assembly- (Driven, Counter shaft), Pump Assembly- external & internal gear pump assembly and testing.
- Running Gear Hitting noise analysis, abnormal sound analysis, Meshing gear pattern analysis and rectification of problem.
- Microsoft office word, Microsoft office PowerPoint & Microsoft office excel.
- Team-center, Oracle, SAP PP Module basic, Time Management & Team coordination.

WORK EXPERIENCE:

ORGANIZATION :- BEML LTD., KGF Bangalore



Designation :- Junior Executive
Period :- June 2018 - Present

- **Development AHSU-** Advance Hydro Pneumatic Suspension Unit for Arjun Recovery & Repair Vehicle with M/S CVRDE.
- **Proto Development of T-72 Tank-** Transmission LH & RH Indigenous with Russian standard coordination with M/S HVF (Heavy Vehicle Factory), Avadi.
- Responsible for T-72 Tank Transmission & ICV (Infantry Combat Vehicle) transmission stage wise testing and testing coordination with SQAE- Indian Army.
- Coordination for TATRA Transmission (Main Gear Box & Auxiliary Gear Box) assembly, fixture Development & Engineering Change Updating.
- Assembly of TATRA Transmission 8X8 Euro & 6X6 Transmission as per monthly plan.
- Spares parts of TATRA- GEAR & Non-GEAR items Manufacturing follow up as per plan. (Gear & Non gear items follow up Heat treatment, machining -Face & Centring, Turning, Gear Shaping, Hobbing, Drilling, Grooving, Grinding, Deburring, Quality Inspection, Packing, Dispatch.)
- Overhauling and Revalidation of field return Transmission time to time as per plan.
- Documents action by completing and Recording Production & Quality forms.
- Overhauling & Assembly of BMP-Infantry Combat Vehicle (ICV-II) Gear box, BOM updating for mandatory replaceable items.
- Assembly of Internal & External Gear pump and testing .
- Testing all aspects of Sub-Assembly & Transmission, providing feedback on usability, trace the result to quality risk and reporting to concern person.

ORGANIZATION:- SPHINX WORLDBIZ LTD., NOIDA U.P



WORKSITE :- ESCORT LIMITED, FARIDABAD
Designation :- Design Engineer
Period :- July 2017-May 2018

- Responsible to modelling Tractor Part, 3D to 2D conversion & 2D to 3D conversion, part design for supplier reference.
- Responsible for Engineering Change , modification of assembly.
- BOM Verification of different Tractor series, full Vehicle's part and their assembly, Comparison of BOM of different Tractor series- 45HP, 50HP, 55 HP, 60 HP.
- Work in Oracle & Teamcenter software for all different sign management, Document, BOM management, BOM change approval etc.

Preferred Software used – UGS NX, Teamcenter, Oracle, AutoCAD

ORGANIZATION :- CARRIER WHEELS PVT. LTD., SHAMLI U.P



Designation :- Design Engineer Trainee
Period :- Jan 2017- June 2017

- Responsible to design wheels Disc and Rim tools for different wheels, check it for proper assembly on press machine according to the design assembly.
- Modification of tools according to the trial result, dimensions modification, design modification, tool modification.
- Work in Teamcenter product life cycle (PLM) software for all different sign management, Document and content management, BOM management etc.
- Planning and executing required design as per tools.

Preferred Software used - Solid works, ProE Creo, AutoCAD

TRAINING/INTERNSHIP:

- Internship on modeling software **UGS-NX, CATIA 2016** at **GTS TECHNO PROJECTS INDIA Pvt. Ltd., Ghaziabad** from August 2016 to Dec. 2017.
- Training on **AutoCAD 2013** at **INDO DANISH TOOL ROOM- Jamshedpur** from 21 July 015 to 03 Aug. 2015.
- Training on **Mechanical System Designing in SolidWorks** for six week.
- Participated **National Seminar** on Recent Innovative Change in Science & Technology.

PROJECT WORK:

- **Line follower Robot-** 3-D modeling, Component assembly, PCB designing, Soldering, Modification.
- **Motion Plan for Humanoid Robot (LOVER 2k16)-** 3-D modeling, Hardware- Body, Arm, Leg- Design, Assembly, Electronic component – PCB designing, Soldering,
- **Green Vehicle Design (REM ROVER 2K16)** – Design development, 3-D modeling in SolidWorks.

ACHIEVEMENTS:

- Topper of the – Mechanical Engineering in session 2013-14, 2014-15, 2015-16, 2016-17.
- Topper of collage batch 2013-2017.
- Demonstrate Humanoid Robot –LOVER 2K16 at IIT Roorkee.
- Won Ridhi excellence award in REMTechfest'16 at national level.
- Won Platinum Award for Sheet Metal work in REMTechfest'16 at national level.

STRENGTH:

- Self Confidence & hardworking.
- Good Patience.
- Determination, dedication, and discipline.
- Self-motivation & Result-oriented.
- Adopt in any type of environment.

PASSPORT DETAILS:

Passport Number	Place of Issue	Date of Issue	Date of Expiry
R9477776	Ranchi	12.04.2018	11.04.2028

DECLARATION:

I hereby declare that the above information made by me is correct to the best of my knowledge.

Date:

Om Prakash Mahato